

CLAIMS

5 1. A portable data player and/or recorder having a casing (1) and a door (2), said door (2) being rotatably attached about an axis AA' to said casing (1), said axis AA' defining a first and a second directions, the door (2) and the casing (1) being able relatively to each other of at least two ranges of angular positions, a first range of positions in which the door (2) is widely open, a second range of position in which the door (2) is open and of a closed position, said last position being a position in which the door (2) closes an opening (4) of said casing (1), wherein, in the first range of angular positions, the door (2) can slide along axis AA' in the first direction up to a first axial position in which a first shoulder (14, 15, 22) of the door (2) is abutting against a first shoulder (19, 20, 21) of the casing (1), and wherein, in the first range of angular positions, said door (2) can slide along axis AA' in the second axial direction up to a second axial position in which the door (2) and the casing (1) are disengaged from one another, and wherein, in the second range of angular position and the first axial position, a second shoulder (18, 18') of the door (2) is abutting against a second shoulder (11) of the casing (1) preventing any translation movement of the door (2) along axis AA' in the second direction.

20 2. Portable data player and/or recorder according to claim 1 wherein said casing (1) and door (2) are fitted with hinges (7,8) and brackets (16,17) for the attachment of the door (2) to the casing (1) and wherein the hinges (7, 8) are in the form of shaft springing from a face (19, 20) of first recesses (5, 6) of the casing (1) said faces being the first shoulder, and wherein the brackets (16, 17) are in the form of holes of first ribs (14, 15) that spring outwardly from a main face (12) of the door (2).

25 3. Portable data player and/or recorder according to one of claim 1 or 2 wherein the second shoulder (18) of the door (2) is in the form of a second rib (18) that springs from a main face (12) of said door (2) and wherein the second shoulder of the casing is in the form of a face (11) of a hole (10).

30 4. Portable data player and/or recorder according to one of claims 1, 2 or 3, wherein the door (2) and casing (1) are fitted one with a tongue (24) and the other with a recess (23) in a third shoulder (11) whose dimensions are such that the

tongue (24) can enter the recess (23), the tongue (24) being in abutment against the third shoulder (11) in at least a part of the range of open positions, said tongue (24) being in a position in which it penetrates in said recess (23) of the third shoulder in one of the open positions.

5. Portable data player and or recorder according to one of claims 1, 2 or 3, wherein the third shoulder (11) is in the form of a face (11) of a hole (10) in the casing (1), the tongue (24) being an extension that springs outwardly from said face (11) and wherein the recess (23) is located in a third rib (18) that spring outwardly toward the inside of the casing (1) from a main face (12) of the door (2).

6. Portable data player and or recorder according to claim 5 wherein the third and second shoulder of the door (2) are in the form of one and the same rib (18).

7. A portable data player and/or recorder having a casing (1) and a door (2), the door (2) being rotatably attached about an axis AA' to said casing (1), the door (2) and the casing (1) being able relatively to each other of at least two ranges of angular positions in which the door (2) is open and of a closed position, said closed position being a position in which the door (2) closes an opening (4) of said casing (1), wherein the door (2) and casing (1) are fitted one with a shoulder (11) and the other with a rib (18), the rib (18) being in abutment against the shoulder (11) in one of the range of angular positions.

8. Portable data player and/or recorder according to claim 7, wherein the door (2) and casing (1) are fitted one with a tongue (24) and the other with a recess (23) whose dimensions are such that the tongue (24) can enter the recess (23), the tongue (24) being in a position in which it penetrates in the recess (23) in one of the open positions.

9. Portable data player and/or recorder according to claim 8, wherein the tongue (24) is fitted on one of the rib (18) and shoulder (11) and wherein the recess (23) is fitted on the other one of the rib (18) and shoulder (11).

10. Door (2) of a portable data player and/or recorder, said door having a main face (12) and three ribs (14,15,18), two first (14,15) and a third, perpendicular to the main face, the first two ribs (14,15) having holes (16,17), having an axis AA', and suitable to form brackets of the door (2), and the third (18,18') having a form such

that it is not secant to planes containing axis AA' and sensibly perpendicular to the main face (12) of the door (2) and secant to planes containing axis AA' and forming an angle with the plane of the main face (12) of the door (2), which are less than about 90°.

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